

11/NOV. 10. 2003: 5:48PM 12-92TTC-PA 650-326-2422

DILITHIUM NETWORKS
DILITHIUM NETWORKS

NO. 9463 Pp. 9 02/01
PAGE 03/08

11/06/2003 17:04 4159252277



Attorney Docket No.: 021316-000810US
Client Ref. No.:

PTO/SB/01A (05-03)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	METHOD AND APPARATUS FOR TRANSCODING BETWEEN HYBRID VIDEO CODEC BITSTREAMS
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As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/620,329, filed on July 14, 2003.
- ☐ as amended on _____ (if applicable):

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought:

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above:

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

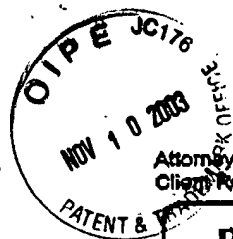
Inventor 1	<u>Stephen F. Brown</u>	Date:	<u>7 Nov 03</u>
Signature:	<u>[Signature]</u>	Citizen of:	<u>Australia</u>

Inventor 2	<u>Marwan A. Jabri</u>	Date:	_____
Signature:	_____	Citizen of:	<u>Australia</u>

Inventor 3	_____	Date:	_____
Signature:	_____	Citizen of:	_____

☐ Additional inventors are being named on additional form(s) attached hereto.

60042551 v1



Attorney Docket No.: 021318-000610US
Client Ref. No.:

PTO/SB/01A (08-03)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention **METHOD AND APPARATUS FOR TRANSCODING BETWEEN HYBRID VIDEO CODEC BITSTREAMS**

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/620,329, filed on July 14, 2003,
- ☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

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All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor 1 Stephen F. Brown Date: _____

Signature: _____ Citizen of: Australia

Inventor 2 Mahvan A. Jabri Date: 9/NOV/03

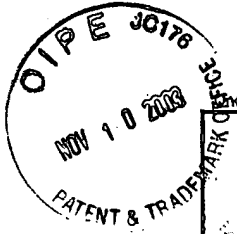
Signature: _____ Citizen of: Australia

Inventor 3 _____ Date: _____

Signature: _____ Citizen of: _____

☐ Additional inventors are being named on additional form(s) attached hereto.


80042551 v1



PTO/SB/81 (05-03)
 Approved for use through 04/30/2003, OMB 0651-0035
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	Application Number	10/620,329
	Filing Date	July 14, 2003
	First Named Inventor	Stephen F. Brown
	Title	METHOD AND APPARATUS FOR TRANSCODING BETWEEN HYBRID VIDEO CODEC
	Art Unit	2614
	Examiner Name	Unassigned
	Attorney Docket Number	21318-000610US

I hereby appoint:

☒ Practitioners at Customer Number →

 20350
 PATENT TRADEMARK OFFICE

 OR
☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

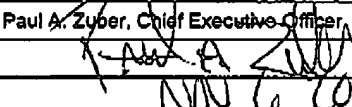
☐ The above-mentioned Customer Number.
 OR
☐ Practitioners at Customer Number →

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	ZIP	
Country			
Telephone	Fax		

I am the:

☐ Applicant/Inventor.
☒ Assignee of record of the entire interest. See 37 CFR 3.71.
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Paul A. Zuber, Chief Executive Officer		
Signature			
Date	NOV 6, 2003	Telephone	415-925-1100

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.60042606 v1

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TTC-PA 650-326-2422

NO. 9463 P. 12

PTO/SB/98 (04-03)
 Approved for use through 04/30/2003. OMB 0851-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
 Attorney Docket No. 21318-000610US

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Stephen F. Brown and Marwan A. JabriApplication No./Patent No.: 10/620,329Filed/Issue Date: July 14, 2003Entitled: METHOD AND APPARATUS FOR TRANSCODING BETWEEN HYBRID VIDEO CODEC BITSTREAMSMacchina Pty Ltd., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
 2. ☐ an assignee of less than the entire right, title and interest.
 The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

NOV 10 2003

 Date

Paul A. Zuber

 Typed or printed name
[Signature]

 Signature

 Chief Executive Officer

 Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

COPY

Attorney Docket No.: 021318-000610US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, STEPHEN F. BROWN of 26 Cobham Avenue, West Ryde, NSW, 2114 Australia; and MARWAN A. JABRI of Level 7, 3 Small Street, Broadway, NSW, 2007 Australia, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **METHOD AND APPARATUS FOR TRANSCODING
BETWEEN HYBRID VIDEO CODEC BITSTREAMS**

Date(s) of execution of Declaration:

Filing Date: **July 14, 2003**

Application No.: **10/620,329; and**

WHEREAS, Macchina Pty Ltd., located at Level 7, 3 Small Street, Broadway, NSW, 2007 Australia, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 7 Nov 03


Stephen F. Brown

Dated: _____

Marwan A. Jabri

60042583 v1

No. NOV. 10. 2003 5:49PM

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11/06/2003 15:18

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PAGE 84/88

COPY

Attorney Docket No.: 021318-000610US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, STEPHEN F. BROWN of 26 Cobham Avenue, West Ryde, NSW, 2114 Australia; and MARWAN A. JABRI of Level 7, 3 Small Street, Broadway, NSW, 2007 Australia, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

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BETWEEN HYBRID VIDEO CODEC BITSTREAMS**

Date(s) of execution of Declaration:

Filing Date: July 14, 2003

Application No.: 10/620,329; and

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For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: _____

Stephen F. Brown

Dated: 9/NOV/03

Marwan A. Jabri

60042585 v1